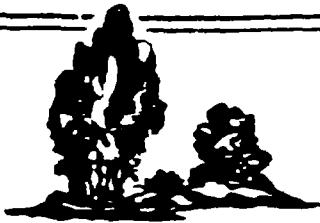


IL-0221-13



Howard C. Johnson, Director

October 2, 1984

I.JL

00006

file

R25-8523-6.0

IL0221

Mr. Nicholas J. Longo
Ecology and Environment, Inc.
223 West Jackson Boulevard
Chicago, IL 60606

Dear Mr. Longo:

Please find attached the July 1984 water quality analysis from the recently installed new monitoring wells and perimeter wells around the site.

Also, attached is a report of hydrogeological work by Testing Service Corporation at the Blackwell Forest Preserve. Trace volatile organics detected in the recently installed monitoring wells is now being rechecked by additional testing.

If you have any questions regarding the hydrogeological work thus far, please call me.

Sincerely,


Richard L. Utt
Superintendent of
Government Services

RLU/cj/sg

cc: K. Bechely
J. Hartwig
S. Gerrick

EPA Region 5 Records Ctr.



248011

Reference 3

Site name DuPage County Landfill/Blackwell Forest Preserve

Site ID 1D980606305



TESTING SERVICE CORPORATION

457 East Gunderson Drive, Carol Stream, Illinois 60188

Consultation services
Foundation and site exploration
Testing of soils, concrete
and bituminous materials
Groundwater monitoring and
hydrogeologic studies

Telephone 312 653-3920

September 18, 1984

FOREST PRESERVE DISTRICT
OF DUPAGE COUNTY
P.O. Box 2330
Glen Ellyn, Illinois 60138

Attention: Mr. Scott Gerrick
Environmental Control Mgr.
Governmental Services Dept.

RE: L - 20,183
BLACKWELL FOREST PRESERVE

Dear Mr. Gerrick:

This letter serves as an addendum for correspondence from our office dated September 7, 1984 bearing our job number L-20,183 in connection with the above referenced project.

Monitoring Well G118D was omitted from the Field Data Chart. We have added the data for this Well to the first page of the chart. A copy of this page is enclosed so that you may replace the old one.

We are very sorry for any inconvenience this may have caused. Please call if there are any questions.

Respectfully submitted,

TESTING SERVICE CORPORATION

Bruce Poyner
Engineering Geologist

BP:dw

Enclosure: Field Data Chart
(First Page)

Dr. Lawrence A. DuBose
President

Charles C. Luther
Executive Vice-President

Lyle E. Thompson
Vice-President

Noble D. Moran
Vice-President

Bruce Poyner
Engineering Geologist



TESTING SERVICE CORPORATION

457 East Gundersen Drive, Carol Stream, Illinois 60188

Consultation services
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and bituminous materials
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hydrogeologic studies

Telephone 312 653-3920

September 7, 1984

FOREST PRESERVE DISTRICT
OF DU PAGE COUNTY
P. O. Box 2330
Glen Ellyn, Illinois 60137

Attention: Mr. Scott Gerrick
Environmental Control Mgr.
Governmental Services Dept.

RE: L - 20,183
BLACKWELL FOREST PRESERVE

Dear Mr. Gerrick:

Purging, sampling and other related work was performed for the monitoring wells, vents and other locations as directed for the above referenced site on July 10, 11, 12 and 13, 1984. The field procedures followed in performing this work are as outlined in previous correspondence. The two (2) new vents (SV-11 and SV-12) and the nine (9) new monitoring wells (G-124, G-125, G-126, G-127, G-128S, G-128I, G-128D, G-129 and G-130) which were installed during June were included in this work.

The monitoring wells, lakes and water supply wells were sampled for volatile priority pollutants. In addition, the nine new wells were sampled for the following background parameters: alkalinity, arsenic, barium, cadmium, calcium chloride, chromium, COD, copper, cyanide, hardness, iron, lead, magnesium, manganese, mercury, nickel, ammonia (NH_3), pH, phenol, potassium, sodium, TDS, sulfate, zinc and TOC.

Five vents (SV-5, SV-10, SV-11, DV-5 and Burner 9) were sampled for volatile priority pollutants and the following inorganic parameters: pH, chloride, TDS, iron, lead, cadmium, arsenic, mercury and TOC. The inorganic parameters were analyzed on both a filtered and unfiltered basis.

QA splits were taken at three (3) monitoring wells. One field blank was also taken.

The results of the water level measurements and sample temperatures are summarized on the enclosed Field Data Chart.

We have received the laboratory test results from Aqualab, Inc. The results are shown on the enclosed Analytical Reports. The identity of the samples can be determined by the enclosed Chain of Custody Record. Two Aqualab, Inc. transmittal letters are also enclosed indicating non-priority pollutants that were detected in some samples.

Dr. Lawrence A. DuBose
President

Charles C. Luther
Executive Vice-President

Lyle E. Thompson
Vice-President

Noble D. Moran
Vice-President

Bruce Poynor
Engineering Geologist

September 7, 1984
FOREST PRESERVE DISTRICT
OF DU PAGE COUNTY
Attention: Mr. Scott Gerrick

Page 3
L - 20,183

It is a pleasure assisting you with this work. Please call if there are any questions.

Respectfully submitted,

TESTING SERVICE CORPORATION


Lawrence A. DuBose
President

LAD:BP:js

Prepared by:


Bruce Poynor
Engineering Geologist

Enclosures: Field Data Chart
Aqualab, Inc. Analytical Reports
Aqualab, Inc. Transmittal Letters
Chain of Custody Record
Electronic Spread Sheets

24 August 1984

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson Dr.
Carol Stream IL 60188

Dear Bruce:

Enclosed are the analytical results for the water samples received by AQUALAB on 13 July 1984. These samples were analyzed for volatile priority pollutants. In addition, samples were analyzed for selected inorganic parameters. Volatiles were analyzed according to EPA Method 624. This is a purge and trap method for volatiles.

Volatile organic analyses (VOA) were performed using EPA Method 624. Aliquots of the samples are placed in a sparging device. Internal standards and deuterium labelled surrogates are added to verify the analytical results and provide qualitative and quantitative references for every sample. The samples are then purged with helium and the volatile organics are transferred to the gas stream. The organics are removed from the gas stream with a Tenax/Silica Gel trap. When purging is complete, the trap is rapidly heated and the trapped organics transferred to the analytical chromatographic column of a gas chromatograph/mass spectrometer (GC/MS). As the individual components elute, complete mass spectra are collected and stored by a computer system. The data are then processed by custom computer programs and also evaluated manually to detect and quantify priority pollutants. Identifications are verified by comparison of the sample component mass spectrum and retention time of that of the standard component.

In addition to the volatile priority pollutants, the following non-priority pollutants were detected:

Continued.....

Reference 3
Site Name DuPage County Landfill/Blackwell Forest Preserve
Site ID ILD980606305

18 August 1984

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson Dr.
Carol Stream IL 60188

Dear Bruce:

Enclosed are the analytical results for the water samples received by AQUALAB on 12 July 1984. These samples were analyzed for volatile priority pollutants. In addition certain samples were analyzed for selected inorganic parameters. Volatiles were analyzed according to EPA Method 624. This is a purge and trap method for volatiles.

Volatile organic analyses (VOA) were performed using EPA Method 624. Aliquots of the samples are placed in a sparging device. Internal standards and deuterium labelled surrogates are added to verify the analytical results and provide qualitative and quantitative references for every sample. The samples are then purged with helium and the volatile organics are transferred to the gas stream. The organics are removed from the gas stream with a Tenax/Silica Gel trap. When purging is complete, the trap is rapidly heated and the trapped organics transferred to the analytical chromatographic column of a gas chromatograph/mass spectrometer (GC/MS). As the individual components elute, complete mass spectra are collected and stored by a computer system. The data are then processed by custom computer programs and also evaluated manually to detect and quantify priority pollutants. Identifications are verified by comparison of the sample component mass spectrum and retention time of that of the standard component.

In addition to the volatile priority pollutants, the following non-priority pollutants were detected:

Continued.....

**TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188
L- 20,183**

CHAIN OF CUSTODY RECORD

CLIENT: FOREST PRESERVE DISTRICT OF DU PAGE COUNTY		PROJ: BLACKWELL		SAMPLER(S): Bruce Poynor & Dan Plumb		
SPL. NO.	SPL. LOCATION	DATE - TIME 1984	SPL. TYPE		NO. OF BTLS.	NOTES
			WATER	COMP. grab		
364	G - 119	7-12 10:20	X		1	Vial
365	G - 120S	7-12 10:30	X		1	"
366	G - 120D	7-12 10:35	X		1	"
367	G - 100	7-12 10:50	X		1	"
368	G - 101	7-12 11:00	X		1	"
369	G - 102	7-12 11:10	X		1	"
370	G - 101 QA Split	7-12 11:00	X		1	"
371	G - 103S	7-12 11:20	X		1	"
372	G - 103D	7-12 11:25	X		1	"
373	G - 104	7-12 11:35	X		1	"
374	G - 105	7-12 11:45	X		1	"
375	G - 121	7-12 12:25	X		1	"
376	G - 108	7-12 12:35	X		1	"
RELINQUISHED BY		RECEIVED BY			DATE - TIME	
TESTING SERVICE CORPORATION		AQUALAB, INC.			7-12-84	

TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188

PAGE 4 OF 5

L- 20,183

CHAIN OF CUSTODY RECORD

CLIENT: FOREST PRESERVE DISTRICT OF DU PAGE COUNTY		PROJ: BLACKWELL		SAMPLER(S): Bruce Poynor & Dan Plomb		
SPL. NO.	SPL. LOCATION	DATE - TIME 1984	SPL. TYPE WATER COMPO. STAB	NO. OF BTLS.	NOTES	
390	G - 115S	7-12 2:10	X	1	Vial	
1	G - 155D	7-12 2:15	X	1	"	
2	G - 117	7-12 2:25	X	1	"	
393	Drinking Well Inside Beach	7-12 2:30	X	1	"	
394	Swim Beach Southwest End	7-12 2:45	X	1	"	
395	Swim Beach Center	7-12 2:45	X	1	"	
396	Swim Beach Northeast End	7-12 2:45	X	1	"	
397	Drinking Well In Park	7-12 2:55	X	1	"	
398	Silver Lake, Southeast of EH-2	7-12 3:05	X	1	"	
399	Silver Lake By G-103	7-12 3:15	X	1	"	
400	Silver Lake By Camp Ground	7-12 3:25	X	1	"	
401	Denny's Den	7-12 3:35	X	1	"	
RELINQUISHED BY		RECEIVED BY			DATE - TIME	
TESTING SERVICE CORPORATION		AQUALAB, INC.			7-12-84	

FIELD DATA CHART

LOCATION			WATER/LIQUID LEVEL DEPTH* AND ELEVATION		WATER TEMP °F	METHANE GAS SIGNAL
			PRIOR TO PURGING	PRIOR TO SAMPLING		
	DATE 1984	PURGED	SAMPLED			
G 100	7-10-84	7-12-84	14.18 707.67	14.22 707.63	50	
G 101	7-10-84	7-12-84	5.25 708.93	5.69 708.44	54	
G 102	7-10-84	7-12-84	18.45 709.30	18.38 709.37	45	
G 103S	7-10-84	7-12-84	8.82 709.30	8.81 709.31	50	
G 103D	7-10-84	7-12-84	21.03 697.14	20.74 697.43	49	
G 104	B 7-10-84	7-12-84	19.36 711.98	19.57 711.77	50	
G 105	B 7-10-84	7-12-84	20.35 704.10	20.53 703.92	49	
G 106	7-10-84	7-12-84	13.62 703.01	13.74 702.89	51	
G 107S	7-10-84	7-12-84	15.03 693.51	14.91 693.63	44	
G 107D	7-10-84	7-12-84	16.19 691.87	16.07 691.99	47	
G 108	7-10-84	7-12-84	7.05 693.15	7.33 692.87	50	
G 109	7-10-84	7-12-84	13.49 692.97	13.51 692.95	50	
G 110	B 7-11-84	7-12-84	15.06 692.95	15.11 692.90	49	
G 111	B 7-11-84	7-12-84	16.39 693.11	16.48 693.02	47	
G 112	7-11-84	7-12-84	15.43 693.13	15.47 693.09	46	
G 113	7-11-84	7-12-84	15.23 693.29	15.30 693.22	47	
G 114	7-11-84	7-12-84	16.50 693.43	16.59 693.34	46	
G 115S	7-11-84	7-12-84	15.61 693.37	15.70 693.28	48	
G 115D	7-11-84	7-12-84	15.56 691.56	15.51 691.61	49	
G 116	7-11-84	7-12-84	16.48 691.62	16.57 691.53	47	
G 117	7-11-84	7-12-84	14.72 692.47	14.83 692.86	50	
G 118S	7-11-84	7-12-84	17.18 694.25	17.20 694.23	49	

FIELD DATA CHART

* Depth referenced to top of steel casing.

B Indicates well purged by bailing; others by pumping.

All vent measurements were made on 7-13-84; none were purges; 5 were sampled.

18 August 1984

57426

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

SAMPLE DESCRIPTION: 351 - G124

7/12/84

7/12/84

FILTERED

Alkalinity (CaCO_3)	570.	mg/L	Magnesium	113.	mg/L
Arsenic	0.001	mg/L	Manganese	0.232	mg/L
Barium	0.16	mg/L	Mercury	0.0002	mg/L
Cadmium	0.004	mg/L	Nickel	0.02	mg/L
Calcium	174.	mg/L	Nitrogen, ammonia	<0.01	mg/L
Chloride	160.	mg/L	pH	6.84	units
Chromium	<0.001	mg/L	Phenol	<0.002	mg/L
COD	80.	mg/L	Potassium	8.12	mg/L
Copper	0.008	mg/L	Sodium	76.1	mg/L
Cyanide	<0.001	mg/L	Solids, tot. diss.	1340.	mg/L
Hardness (CaCO_3)	432.	mg/L	Sulfate	152.	mg/L
Iron	0.02	mg/L	Zinc	0.011	mg/L
Lead	<0.01	mg/L	TOC	6.8	mg/L

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

57428

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

SAMPLE DESCRIPTION: 353 - G12

7/12/84

7/12/84

FILTERED

Alkalinity (CaCO_3)	440.	mg/L	Magnesium	58.	mg/L
Arsenic	<0.001	mg/L	Manganese	0.384	mg/L
Barium	<0.01	mg/L	Mercury	0.0001	mg/L
Cadmium	0.003	mg/L	Nickel	0.02	mg/L
Calcium	105.	mg/L	Nitrogen, ammonia	<0.01	mg/L
Chloride	58.	mg/L	pH	6.92	units
Chromium	<0.001	mg/L	Phenol	<0.002	mg/L
COD	60.	mg/L	Potassium	3.20	mg/L
Copper	0.010	mg/L	Sodium	39.8	mg/L
Cyanide	<0.001	mg/L	Solids, tot. diss.	745.	mg/L
Hardness (CaCO_3)	416.	mg/L	Sulfate	134.	mg/L
Iron	0.08	mg/L	Zinc	0.007	mg/L
Lead	<0.01	mg/L	TOC	1.4	mg/L

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

57430

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

SAMPLE DESCRIPTION: 355 - G1235

7/12/84

7/12/84

FILTERED

Alkalinity (CaCO_3)	640.	mg/L	Magnesium	66.	mg/L
Arsenic	0.002	mg/L	Manganese	2.44	mg/L
Barium	0.04	mg/L	Mercury	0.0018	mg/L
Cadmium	0.005	mg/L	Nickel	0.02	mg/L
Calcium	201.	mg/L	Nitrogen, ammonia	<0.01	mg/L
Chloride	22.	mg/L	pH	6.46	units
Chromium	<0.001	mg/L	Phenol	<0.002	mg/L
COD	73.	mg/L	Potassium	3.20	mg/L
Copper	0.015	mg/L	Sodium	16.0	mg/L
Cyanide	<0.001	mg/L	Solids, tot. diss.	965.	mg/L
Hardness (CaCO_3)	288.	mg/L	Sulfate	194.	mg/L
Iron	0.20	mg/L	Zinc	0.017	mg/L
Lead	<0.01	mg/L	TOC	2.7	mg/L

Robert N. Bucaro
Robert N. Bucaro

13

18 August 1984

57432

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

SAMPLE DESCRIPTION: 357 - G128D

7/12/84

7/12/84

FILTERED

Alkalinity (CaCO_3)	280.	mg/L	Magnesium	38.2	mg/L
Arsenic	<0.001	mg/L	Manganese	0.026	mg/L
Barium	0.04	mg/L	Mercury	<0.0001	mg/L
Cadmium	<0.001	mg/L	Nickel	<0.01	mg/L
Calcium	84.9	mg/L	Nitrogen, ammonia	<0.01	mg/L
Chloride	20.	mg/L	pH	6.99	units
Chromium	<0.001	mg/L	Phenol	<0.002	mg/L
COD	84.	mg/L	Potassium	5.04	mg/L
Copper	0.003	mg/L	Sodium	20.6	mg/L
Cyanide	<0.001	mg/L	Solids, tot. diss.	550.	mg/L
Hardness (CaCO_3)	292.	mg/L	Sulfate	117.	mg/L
Iron	0.02	mg/L	Zinc	0.010	mg/L
Lead	<0.01	mg/L	TOC	1.9	mg/L

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

57434

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

SAMPLE DESCRIPTION: 359 - C130

7/12/84

7/12/84

FILTERED

Alkalinity (CaCO_3)	560.	mg/L	Magnesium	71.	mg/L
Arsenic	0.002	mg/L	Manganese	1.06	mg/L
Barium	0.15	mg/L	Mercury	0.0007	mg/L
Cadmium	0.002	mg/L	Nickel	<0.01	mg/L
Calcium	130.	mg/L	Nitrogen, ammonia	<0.01	mg/L
Chloride	78.	mg/L	pH	6.81	units
Chromium	<0.001	mg/L	Phenol	<0.002	mg/L
- COD	87.	mg/L	Potassium	2.30	mg/L
Copper	0.008	mg/L	Sodium	33.6	mg/L
Cyanide	<0.001	mg/L	Solids, tot. diss.	870.	mg/L
Hardness (CaCO_3)	512.	mg/L	Sulfate	147.	mg/L
Iron	0.29	mg/L	Zinc	0.005	mg/L
Lead	<0.01	mg/L	TOC	6.1	mg/L

Robert N. Bucaro
Robert N. Bucaro

(15)

23 August 1984

57494-494 A

Mr. Bruce Poyner
TESTING SERVICE CORPORATION
457 E. Gunderson Dr.
Carol Stream IL 60168

SAMPLE DESCRIPTION: 402 - SVS

7/13/84

7/13/84

Filtered:

pH	5.86	units
Chloride	1780.	mg/L
Solids, tot. diss.	30,840.	mg/L
Iron	760.	mg/L
Lead	0.85	mg/L
Cadmium	0.075	mg/L
Arsenic	0.023	mg/L
Mercury	0.0032	mg/L
TOC	10,000.	mg/L

Unfiltered:

pH	5.84	units
Chloride	1820.	mg/L
Iron	1050.	mg/L
Lead	1.35	mg/L
Cadmium	0.085	mg/L
Arsenic	0.037	mg/L
Mercury	0.0038	mg/L
TOC	16,400.	mg/L

Robert N. Bucaro
Robert N. Bucaro

(16)

8/24/84

#57497

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream, IL 60188

Taken: 7/13/84
Rec'd: 7/13/84

SAMPLE DESCRIPTION: #405

DVS

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
63.7 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
.1 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

14.0 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
163. Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5. Tetrachloroethylene (85V)
296. Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

23 August 1984

57496 - 496 A

Mr. Bruce Poyner
TESTING SERVICE CORPORATION
457 E. Gunderson Dr.
Carol Stream IL 60188

SAMPLE DESCRIPTION: 404 — SV10

7/13/84

7/13/84

Filtered:

		units
pH	6.91	
Chloride	740.	mg/L
Solids, tot. diss.	4620.	mg/L
Iron	19.6	mg/L
Lead	0.12	mg/L
Cadmium	0.009	mg/L
Arsenic	0.008	mg/L
Mercury	0.0005	mg/L
TOC	719.	mg/L

Unfiltered:

		units
pH	7.10	
Chloride	760.	mg/L
Iron	1000.	mg/L
Lead	1.75	mg/L
Cadmium	0.540	mg/L
Arsenic	0.070	mg/L
Mercury	0.013	mg/L
TOC	3140.	mg/L

Robert N. Bucaro
Robert N. Bucaro

23 August 1984

57498 - 498 A

Mr. Bruce Poyner
TESTING SERVICE CORPORATION
457 E. Gunderson Dr.
Carol Stream IL 60188

SAMPLE DESCRIPTION: 406

Burner 9

7/13/84

7/13/84

Filtered:

pH	7.15	units
Chloride	94.	mg/L
Solids, tot. diss.	470.	mg/L
Iron	0.32	mg/L
Lead	0.03	mg/L
Cadmium	0.002	mg/L
Arsenic	0.002	mg/L
Mercury	<0.0001	mg/L
TOC	9.4	mg/L

Unfiltered:

pH	6.67	units
Chloride	100.	mg/L
Iron	850.	mg/L
Lead	0.35	mg/L
Cadmium	0.030	mg/L
Arsenic	0.014	mg/L
Mercury	0.0025	mg/L
TOC	85.6	mg/L

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

57426

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 351 - G124

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
12.1 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

5.7 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

19

18 August 1984

57428

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 353 - GIC

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
10 1,1,2-Trichloroethane (14V)
10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

8.1 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro

Robert N. Bucaro

18 August 1984

57430

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 355

- G 1285

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
8.7 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
17.3 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

14.2 1,2-Trans-Dichloroethylene (30V)
10.7 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

57432

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 357

6128D

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

5.0 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

57434

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 359

- G130

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro

Robert N. Bucaro

18 August 1984

57436

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 361

- BLANK

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

57438

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 363 - (118D)

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

57440

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 365

- G1205

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro

Robert N. Bucaro

(26)

18 August 1984

57442

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 367 — G100

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

57444

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 369

G102

VOLATILE COMPOUNDS

ug/L Compound	ug/L Compound
<100 Acrolein (2V)	<5 1,2-Trans-Dichloroethylene (30V)
<100 Acrylonitrile (3V)	<5 1,2-Dichloropropane (32V)
<5 Benzene (4V)	<5 1,3-Dichloropropylene (33V)
<5 Carbon Tetrachloride (6V)	<5 Ethylbenzene (38V)
<5 Chlorobenzene (7V)	<10 Methylene Chloride (44V)
<5 1,2-Dichloroethane (10V)	<20 Methyl Chloride (45V)
<10 1,1,1-Trichloroethane (11V)	<20 Methyl Bromide (46V)
<5 1,1-Dichloroethane (13V)	<10 Bromoform (47V)
<10 1,1,2-Trichloroethane (14V)	<10 Dichlorobromomethane (48V)
<10 1,1,2,2-Tetrachloroethane (15V)	<10 Chlorodibromomethane (51V)
<10 Chloroethane (16V)	<5 Tetrachloroethylene (85V)
<50 2-Chloroethylvinyl Ether (19V)	<5 Toluene (86V)
<5 Chloroform (23V)	<5 Trichloroethylene (87V)
<5 1,1-Dichloroethylene (29V)	<20 Vinyl Chloride (88V)

Robert N. Bucaro

Robert N. Bucaro

18 August 1984

57446

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 371

G1035

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro

Robert N. Bucaro

18 August 1984

LSDS-SC 57448

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 373

- G104

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
5 1,2-Dichloroethane (10V)
10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

EDITION NO. 57450

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 375

- G | 2 |

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

57452

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 377

— 61075

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
0 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

Sample # 57454

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 379

- G10C

VOLATILE COMPOUNDS

ug/L Compound	ug/L Compound
<100 Acrolein (2V)	<5 1,2-Trans-Dichloroethylene (30V)
<100 Acrylonitrile (3V)	<5 1,2-Dichloropropane (32V)
<5 Benzene (4V)	<5 1,3-Dichloropropylene (33V)
<5 Carbon Tetrachloride (6V)	<5 Ethylbenzene (38V)
<5 Chlorobenzene (7V)	<10 Methylene Chloride (44V)
<5 1,2-Dichloroethane (10V)	<20 Methyl Chloride (45V)
<10 1,1,1-Trichloroethane (11V)	<20 Methyl Bromide (46V)
3 1,1-Dichloroethane (13V)	<10 Bromoform (47V)
10 1,1,2-Trichloroethane (14V)	<10 Dichlorobromomethane (48V)
<10 1,1,2,2-Tetrachloroethane (15V)	<10 Chlorodibromomethane (51V)
<10 Chloroethane (16V)	<5 Tetrachloroethylene (85V)
<50 2-Chloroethylvinyl Ether (19V)	<5 Toluene (86V)
<5 Chloroform (23V)	<5 Trichloroethylene (87V)
<5 1,1-Dichloroethylene (29V)	<20 Vinyl Chloride (88V)

Robert N. Bucaro

18 August 1984

RECEIVED IN 57456

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 381

G110

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
10.2 1,2-Dichloroethane (10V)
20 1,1,1-Trichloroethane (11V)
28.8 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

18.1 1,2-Trans-Dichloroethylene (30V)
22.9 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
87.1 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

34

18 August 1984

18808 57458

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 383

G 1/2

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
5 1,1-Dichloroethane (13V)
10 1,1,2-Trichloroethane (14V)
.10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

Sample No. 57460

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 385

G/14

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

(36)

18 August 1984

EDG 57462

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 387

G / 22

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V).
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
~~<5~~ 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

REPORT NO. 57464

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 389

G/22 (QA)
VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
~~1,1-Dichloroethane (13V)~~
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

Sample 57466

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 391

G(151)

VOLATILE COMPOUNDS

ug/L Compound	ug/L Compound
<100 Acrolein (2V)	<5 1,2-Trans-Dichloroethylene (30V)
<100 Acrylonitrile (3V)	<5 1,2-Dichloropropane (32V)
<5 Benzene (4V)	<5 1,3-Dichloropropylene (33V)
<5 Carbon Tetrachloride (6V)	<5 Ethylbenzene (38V)
<5 Chlorobenzene (7V)	<10 Methylene Chloride (44V)
<5 1,2-Dichloroethane (10V)	<20 Methyl Chloride (45V)
<10 1,1,1-Trichloroethane (11V)	<20 Methyl Bromide (46V)
<5 1,1-Dichloroethane (13V)	<10 Bromoform (47V)
<10 1,1,2-Trichloroethane (14V)	<10 Dichlorobromomethane (48V)
<10 1,1,2,2-Tetrachloroethane (15V)	<10 Chlorodibromomethane (51V)
<10 Chloroethane (16V)	<5 Tetrachloroethylene (85V)
<50 2-Chloroethylvinyl Ether (19V)	<5 Toluene (86V)
<5 Chloroform (23V)	<5 Trichloroethylene (87V)
<5 1,1-Dichloroethylene (29V)	<20 Vinyl Chloride (88V)

Robert N. Bucaro

18 August 1984

57468

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 393

Drinking Well- Beach

VOLATILE COMPOUNDS

ug/L Compound	ug/L Compound
<100 Acrolein (2V)	<5 1,2-Trans-Dichloroethylene (30V)
<100 Acrylonitrile (3V)	<5 1,2-Dichloropropane (32V)
<5 Benzene (4V)	<5 1,3-Dichloropropylene (33V)
<5 Carbon Tetrachloride (6V)	<5 Ethylbenzene (38V)
<5 Chlorobenzene (7V)	<10 Methylene Chloride (44V)
<5 1,2-Dichloroethane (10V)	<20 Methyl Chloride (45V)
0 1,1,1-Trichloroethane (11V)	<20 Methyl Bromide (46V)
<5 1,1-Dichloroethane (13V)	<10 Bromoform (47V)
<10 1,1,2-Trichloroethane (14V)	<10 Dichlorobromomethane (48V)
<10 1,1,2,2-Tetrachloroethane (15V)	<10 Chlorodibromomethane (51V)
<10 Chloroethane (16V)	<5 Tetrachloroethylene (85V)
<50 2-Chloroethylvinyl Ether (19V)	<5 Toluene (86V)
<5 Chloroform (23V)	<5 Trichloroethylene (87V)
<5 1,1-Dichloroethylene (29V)	<20 Vinyl Chloride (88V)

Robert N. Bucaro

Robert N. Bucaro

18 August 1984

57470

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 395

Swim Beach - Center

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

57472

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 397

- Drinking Well
(Picnic)

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro

18 August 1984

SAMPLE NO.

57474

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 399

Silver Lake

(By 6/03)
~~Sample D~~

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
10 1,1,1-Trichloroethane (11V)
; 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

18 August 1984

57476

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 7/12/84

SAMPLE DESCRIPTION: 401 - Denny's Den

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
<5 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
> 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
<5 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
<5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 ~~E ...form~~ (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5 Tetrachloroethylene (85V)
<5 Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro

8/24/84

REPORT NO. #57495

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream, IL 60188

Taken: 7/13/84
Rec'd: 7/13/84

SAMPLE DESCRIPTION: #403

SVII

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
29.2 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
6.5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
13.0 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
6.1 Chloroform (23V)
5 1,1-Dichloroethylene (29V)

ug/L Compound

<5 1,2-Trans-Dichloroethylene (30V)
7.7 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
72.5 Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
34.0 Tetrachloroethylene (85V)
168. Toluene (86V)
80.7 Trichloroethylene (87V)
407. Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro

8/24/84

Sample #57497

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream, IL 60188

Taken: 7/13/84
Rec'd: 7/13/84

SAMPLE DESCRIPTION: #405

DVS

VOLATILE COMPOUNDS

ug/L Compound

<100 Acrolein (2V)
<100 Acrylonitrile (3V)
63.7 Benzene (4V)
<5 Carbon Tetrachloride (6V)
<5 Chlorobenzene (7V)
<5 1,2-Dichloroethane (10V)
<10 1,1,1-Trichloroethane (11V)
<5 1,1-Dichloroethane (13V)
<10 1,1,2-Trichloroethane (14V)
<10 1,1,2,2-Tetrachloroethane (15V)
<10 Chloroethane (16V)
<50 2-Chloroethylvinyl Ether (19V)
1 Chloroform (23V)
<5 1,1-Dichloroethylene (29V)

ug/L Compound

14.0 1,2-Trans-Dichloroethylene (30V)
<5 1,2-Dichloropropane (32V)
<5 1,3-Dichloropropylene (33V)
163. Ethylbenzene (38V)
<10 Methylene Chloride (44V)
<20 Methyl Chloride (45V)
<20 Methyl Bromide (46V)
<10 Bromoform (47V)
<10 Dichlorobromomethane (48V)
<10 Chlorodibromomethane (51V)
<5. Tetrachloroethylene (85V)
296. Toluene (86V)
<5 Trichloroethylene (87V)
<20 Vinyl Chloride (88V)

Robert N. Bucaro
Robert N. Bucaro